


**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

|                               |   |
|-------------------------------|---|
| EFS ID:                       | 16507   |
| Application ID:               | 10064481  |
| Title of Invention:           | Collective TCP Control for<br>Improved Wireless Network<br>Performance  |
| First Named Inventor:         | Frank Wang  |
| Domestic/Foreign Application: | Domestic Application  |
| Filing Date:                  | null  |
| Effective Receipt Date:       | 2002-07-18  |
| Submission Type:              | Utility Patent Filing   |
| Filing Type:                  | new-utility   |
| Confirmation Number:          | 0   |
| Attorney Docket Number:       | AM-1  |
| Digital Certificate Holder:   | cn=Stuart Thomas Auvinen, ou=Registered Attorneys, ou=Patent<br>and Trademark Office, ou=Department of Commerce, o=U.S.<br>Government, c=US |
| Certificate Message Digest:   | 97KJ8isD9clRGPJ8Ne9JRQ==  |
| Total Fees Authorized:        | \$370.0   |
| Payment Category:             | DA - Deposit Account  |
| Deposit Account Number:       | 12950   |
| Deposit Account Name:         | Stuart T Auvinen  |





# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

AM-  
1

## Collective TCP Control for Improved Wireless Network Performance

First Named Inventor: Frank Xiao-Dong Wang

### SUBMITTED BY

|   |                       |
|---|-----------------------|
| Name:                                       | Stuart T Auvinen      |
| Registration Number:                        | 36,435                |
| Electronic Signature<br>Mark: /e/stuauvinen | Date Signed: 20020718 |

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

|                                     |              |
|-------------------------------------|--------------|
| fee-transmittal                     | AM1exfee.xml |
| specification                       | PatAM1e.xml  |
| declaration                         | oathAM1e.tif |
| us-information-disclosure-statement | AM1exids.xml |

bibd-transmittal

AM1exapds.xml

Attached Image File(s):

oathAM1e.tif

Comments:

## DECLARATION FOR PATENT APPLICATION

AM-1

As the below-named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention, the specification of which is attached hereto and which has the following title:

Collective TCP Control for Improved Wireless Network Performance

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to in the oath of declaration. I acknowledge a duty to disclose information which is material to examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby appoint the following Agent to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Stuart T. Auvinen, Reg. No. 36,435

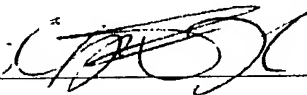
Address all telephone calls to Stuart T. Auvinen at telephone No. (831) 476-5506.

Address all correspondence to:

Stuart T. Auvinen  
429 Twenty-Sixth Ave.  
Santa Cruz, CA 95062

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, Section 1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole/First Inventor's Signature



date:

06/25/06

Full name of first inventor: Frank Xiao-Dong Wang  
Residence: San Jose, CA Citizen of: U.S.A.  
Mailing Address: 1269 Hazlette Ct., San Jose, CA 95131

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Small Entity

**TOTAL FEES AUTHORIZED: \$ 370**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 01-2950  
 Deposit Account Name: Stuart T Auvinen



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Stuart T Auvinen  
 Electronic Signature Mark: /e/stuauvinen  
 Date Signed: 20020718

## BASIC FILING FEE

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 201      | \$ 370   |

Subtotal For Basic Filing Fee: \$ 370

## EXTRA CLAIM FEES

|                       | Fee Code | Fee   | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 20      | 203      | \$ 9  | 0            | \$ 0     |
| Independent Claims: 3 | 202      | \$ 42 | 0            | \$ 0     |

Continued on next page

**Subtotal For Extra Claims Fees: \$ 0**